

# Web Content Management Systems

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# What is a **web content management system**?

# What is a WCMS?

A software system that provides:

- website authoring
- collaboration
- administration tools

designed to manage website content with relative ease (without extended knowledge of programming or markup languages)

# How is this achieved?

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- easy editability by multiple users
- no need of direct access to server for the “content creator”
- most systems include a WYSIWYG web interface to create/publish content

# How is this achieved?

- CMS intern versioning system
- scalability through additional plugins
- usage of site global templates
- delegation

# Example usages

- writing a blog  
→ blogging software (e.g. Wordpress)
- creating a knowledge database  
→ wiki (e.g. MediaWiki)
- creating full-fledged enterprise portal with web applications and restricted information accessible through user authentication  
→ “real WCMS” (e.g. Drupal)



vs





# Drupal vs. MediaWiki

You want to  
implement an easy  
to browse and  
maintain collection  
of how-tos?



# Drupal vs. MediaWiki

You want to  
implement a  
collaborative online  
resource and  
information space?



# Drupal vs. MediaWiki

You want to implement an internet presence for an enterprise with internal access for employees?



# Drupal vs. MediaWiki

You want to implement an “advanced” documentation with cross-links?



# Drupal vs. MediaWiki

You want to  
implement an  
online shop?



# Drupal vs. MediaWiki

You want to  
implement an  
easily theme-able  
news site with many  
participating  
authors?



# Drupal vs. MediaWiki

- internet presence for an enterprise with internal access for employees
  - creating an online shop
  - easily theme-able news site with many participating authors
- easy to browse and maintain collection of how-tos
  - collaborative online resource and information space
  - “advanced” documentation with cross-links



# What is Bugzilla?





# What is Bugzilla?

A “Defect Tracking System” that

- allows individuals or groups to
- keep track of outstanding products

Most commonly referred to as “Bugtracker”



# What is Bugzilla?

Additionally key features are:

- track code changes
- communicate with teammates
- submit and review patches
- manage quality assurance

*of course it is useable as “simple” request tracker as well*

thanks